Zefeng (Daniel) Wang

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Availability: May – December 2021

EDUCATION

Northeastern University, Boston, MA   May 2022
Khoury College of Computer Sciences   GPA:3.7/4.0
Candidate for Bachelor of Science in Computer Science & Business Administration (Finance)
Minor in Mathematics
Relevant Courses: Algorithms and Data, Object Oriented Design, Linear Algebra, Computer Systems, Database Design
Honors and Awards: Dean's List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot 2019

COMPUTER KNOWLEDGE

Languages: Java, JavaScript (NodeJS, React), SQL, Python, C, HTML, CSS
Tools/Libraries: Firebase, Jest, MacOS, Mocha, NumPy, pandas, Scikit-learn, Sequelize,
Miscellaneous: Git, GitHub, JSON, NPM, RESTful APIs, Vim, XML, Yarn

EXPERIENCE

Software Developer Co-op *@ Intuit*   *May – December 2020*
- Developing in Java and Go to improve internal metrics on the Observability team for QuickBooks Online
- Using Micrometer and Hystrix to create a filter to improve readability of the metrics and save thousands of dollars

Backend Web Engineer *@ BusRight, Inc*   *November 2019 - Present*
- Improving web API by adding new features, enforcing test-driven development, and increasing efficiency
- Developed a password reset process for users by adding endpoints to get info from Firebase & send via SendGrid
- Added persistent notifications by developing endpoints to get/send notifications to new collections in Firebase

Full-Stack Developer *@ Sandbox at Northeastern*   *September 2019 - Present*
- Maintaining and improving SearchNEU, a React/Node website that facilitates searching for classes at NEU
- Implementing changes to ensure data on site is accurate, durable, and accessible for over 42,000 unique users

Core Team – Sponsorship *@ HackBeanpot Inc*   *May 2019 – Present*
- Engaged in agile environment to organize annual hackathon for approximately 200 Boston students
- Designed sponsorship packet and worked with dozens of companies to raise over $20,000 in financial backing
- Led team of three in revamping judging system for students' projects to be more holistic and efficient

Mobile Application Development Intern *@ DoubleBridge Technologies*   *July – August 2019*
- Researched and presented use of Android Studio for mobile development in Java to team of three
- Developed application that performs CRUD operations on MySQL database using REST API and PHP framework

PROJECTS

SearchNEU (NodeJS, React, Cheerio, PostgreSQL)   *September 2019 - Present*
- Rewrote scraper classes that produce info from colleges' sites with Cheerio implementation of jQuery
- Moving data to relational database in PostgreSQL by creating data models using Sequelize
- Implement filters to improve UX using React and TypeScript by creating a custom toggle switch and dropdown
- Refactoring JavaScript backend and enforcing reliability using Jest framework and snapshot testing

Emojify (Google Cloud API, Twilio API, Node.JS)   *November 2019*
- Built program that translates text message from English into emojis using Twilio's Programmable SMS
- Trained dataset that classifies content using custom categories with Google's AutoML Natural Language API
- Developed using Node to integrate Twilio API and send responses based on result of Python script

CrimePot (Python, Flask)   *February 2019*
- Implemented Google Maps API with HTML/CSS/JavaScript to place markers representing crimes on map
- Performed HTTP requests using Flask microframework to retrieve data from CKAN action API
- Filtered through JSON data based on user parameters and then converted to GeoJSON in Python